

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
4 November 2004 (04.11.2004)

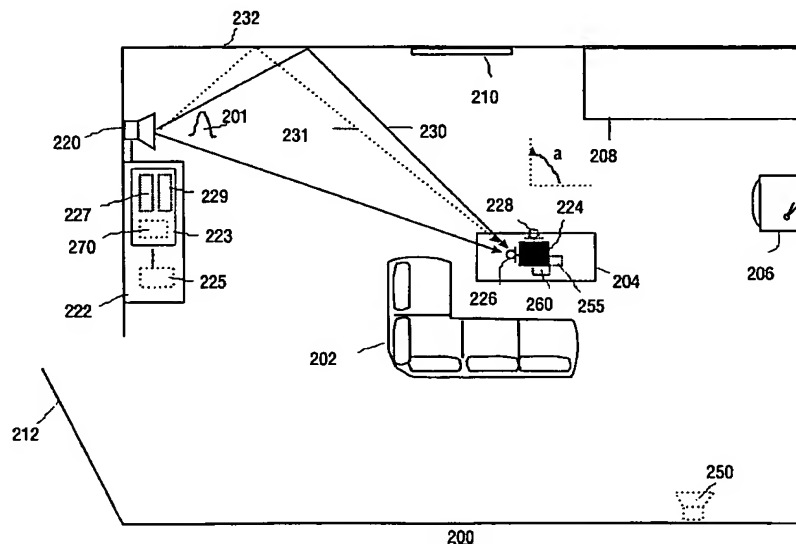
PCT

(10) International Publication Number
WO 2004/095056 A1

- (51) International Patent Classification⁷: **G01S 5/30**, 11/14, 5/18, 5/20, 5/24
- (21) International Application Number: **PCT/IB2004/050465**
- (22) International Filing Date: 16 April 2004 (16.04.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
03101098.6 22 April 2003 (22.04.2003) EP
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- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:
— with international search report

[Continued on next page]

(54) Title: OBJECT POSITION ESTIMATION SYSTEM, APPARATUS AND METHOD



(57) Abstract: The position estimation system (220, 226, 222) for estimating a position of an object (224) in a room (200) works by an ultrasound emitter (220) emitting an ultrasound pulse (201), which is reflected at least once on a reflecting object (232), after which an ultrasound receiver (226) detects an ultrasound signal (300) comprising at least the reflection and possibly also a line of sight transmission. Either the emitter or the receiver is attached to the object. A processor estimates the position of the object (224) on the basis of the ultrasound signal (300), by a calculation dependent on properties of the ultrasound signal (300) or by matching the ultrasound signal (300) with templates for object (224) positions, obtained by measurement or by simulation of the ultrasound pulse (201) transmission in the room (200).



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